

What is claimed is

1. A monolithic adaptive optic mirror comprising:
a deformable mirror structure having a first reflective side and a second side;
a first layer of transmissive electrodes disposed on said mirror structure in electrostatic proximity to said first reflective side;
5 a support structure adapted to support said deformable mirror structure, said support structure further adapted to support a second layer of transmissive electrodes in electrostatic proximity to said second side of said mirror.
2. The monolithic adaptive optic mirror of claim 1 wherein said first layer
10 of transmissive electrodes is disposed in an optical path of at least a first optical signal.
3. The monolithic adaptive optic mirror of claim 1 wherein said mirror structure is bonded to at least a first surface of said support structure, thus forming a single integrated package.
- 15 4. The monolithic adaptive optic mirror of claim 3 wherein said first surface is an insulating surface.
5. The monolithic adaptive optic mirror of claim 1 wherein at least a first voltage passed over at least one of said electrodes in said first layer of electrodes causes said first reflective side of said mirror structure to be attracted
20 toward said at least one of said electrodes in said first layer.
6. The monolithic adaptive optic mirror of claim 1 wherein at least a second voltage passed over at least one of said electrodes in said second layer of electrodes causes said first reflective side of said mirror structure to be attracted toward said at least one of said electrodes in said second layer.